

Audio/Video Products 2010-2011

**ONKYO**  
IMAGINATIVE SIGHT & SOUND



Enter a New Realm of Possibilities



# Core Technologies at the Heart of Onkyo's 2010 A/V Receiver Line-Up

## The Leading Edge in Power and High-Def A/V Processing

Onkyo's new A/V receiver line-up expands the possibilities of high-definition media. As always with Onkyo, you're guaranteed a compelling mix of amplification power, precise processing, and intelligent features.



## HDMI® 1.4a Support for 3D Video and Audio Return Channel

All new Onkyo receivers sport HDMI 1.4a inputs that accept high-def sources such as Blu-ray players, gaming consoles, and cable/satellite tuners.

A pristine signal is then output to your compatible display via a single cable. HDMI 1.4a also opens up the exciting possibilities of 3D video, as well as an Audio Return Channel that lets you send audio content "upstream" from your HDTV to the receiver.



## PC Audio and Internet Radio via Network Function

Onkyo's A/V network receivers link directly to the internet or to your PC via a local network. This brings a huge array of file types and internet radio channels from Last.fm, Napster, and vTuner\* into the high-fidelity domain of your living room. Onkyo network receivers are compatible with the Windows® 7 platform, which includes the DLNA 1.5-specified "Play To" media-streaming feature.

\*Availability of services depends on region.



## Meeting THX Benchmarks for Superior Performance and Reliability

To achieve prestigious THX® Ultra2 Plus™ or THX® Select2 Plus™ certification, Onkyo's mid-range and high-end A/V receivers are rigorously tested for sound quality, usability, and interoperability.



## HQV and Faroudja Chips for 1080p Video Upscaling and Processing

The high-quality Faroudja DCDi Cinema™ chip eliminates video artifacts, converts interlaced video to progressive scan, and upscales standard-definition video sources to 1080p. On Onkyo's high-end receivers, HQV Reon-VX takes it a step further and offers the ultimate in video processing. Along with deinterlacing and upscaling, it works to filter jaggies, reduce mosquito and codec noise, and enhance color rendering.



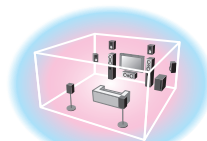
## Tailor Multichannel Audio to Your Home with Audyssey and Dolby Technologies

Onkyo A/V receivers use Audyssey's MultEQ® XT32, MultEQ®, 2EQ®, or EQ® to counter distortion in dedicated home cinemas and deliver a natural, well-balanced sound. Audyssey's Dynamic EQ® and Dynamic Volume®, meanwhile, work to optimize frequency response and dynamic range at all volume levels. Dolby® Volume performs a similar role, ensuring soundtrack dynamics are consistent at different volume levels.



## Audyssey DSX™ Adds Extra Dimensions to Surround Sound

Audyssey DSX lets you augment a standard 7.1-channel surround set-up with two "front wide" or "front height" channels. With two extra speakers, you can enjoy a wider or deeper soundstage and a more realistic and immersive listening experience.



## Dolby® Pro Logic® IIz for a More Enveloping Sound Field

Pro Logic IIz creates a surround-sound experience from any movie or music source—even a stereo one. Pro Logic IIz also enables you to incorporate two "front height" speakers that carry ambient audio effects for games and movies.



## ISF Video Calibration for Accurate Video Reproduction

The TX-NR5008, TX-NR3008, TX-NR1008, and PR-SC5508 are equipped with industry-leading ISF (Imaging Science Foundation) video calibration to dramatically improve your home cinema by enabling you to adjust the brightness, hue, contrast, saturation, and gamma levels on all video inputs.



## Four Game Modes for More Thrilling Action

A recent addition to Onkyo home cinema, these four gaming modes create an audio experience with more realism and impact. You can select from Rock, Sports, Action, or RPG (Role Playing Game) modes to match your gaming content.

## A Fresh Approach to the Internal Construction of A/V Receivers

Onkyo's top two receiver models feature an isolated power amplifier block and pre-amplifier. Furthermore, their circuit boards have been affixed to the chassis to suppress vibrations emanating from the base. The flagship TX-NR5008 and PR-SC5508 forge further ahead with gold-plated A/V inputs and outputs, a brass bus plate for perfect grounding, and customized, gold-plated speaker posts.



## Harnessing Power for Audio Performance

Onkyo knows the value of clean power. The flagship TX-NR5008 employs a massive, highly efficient toroidal transformer and capacitors that operate at up to 22,000 microfarads. Both the TX-NR5008 and TX-NR3008 feature separate transformers for audio and video processing. And both models—along with the TX-NR1008—feature large, custom-designed transistors to drive high currents.



## VLSC™ (Vector Linear Shaping Circuitry)

Onkyo's VLSC employs a unique digital-to-analog conversion circuit to mitigate the effects of signal noise. Data is converted between discrete sampling points, which are then joined with analog vectors in real-time to produce a smooth output wave form. The result—a noiseless, smooth analog signal based on the digital source.



## Three-Stage Inverted Darlington Circuitry

This core Onkyo technology brings greater efficiency to the TX-SR608 and higher models. It incorporates a low-NFB design to remove distortion and enhance the natural character of audio signals. Sensitive to oscillations, this circuitry requires very advanced control technology in order to be incorporated into the amplifier.

## WRAT (Wide Range Amplifier Technology) Providing Amplification Backbone

Onkyo's proprietary WRAT comprises three key elements: (1) A low negative-feedback design for cleaner audio across the frequency range; (2) Closed ground-loop circuits to cancel individual circuit noise and keep the ground potential free of distortion; and (3) A high instantaneous-current capability to handle speaker reflex energy and impedance fluctuations.



## High-Performance Burr-Brown DACs for All Channels

The high-end TX-NR5008 and PR-SC5508 employ 192 kHz/32-bit Burr-Brown DACs to achieve the best possible dynamic performance and improved tolerance to clock jitter. Meanwhile, the other models in our latest A/V receiver line-up use high-performance 24-bit Burr-Brown DACs.



## Playback of Different A/V Sources Throughout the Home

Zone 2/3 and Powered Zone 2/3 bring multi-zone audio entertainment to your home through dedicated line outs, pre outs, and speaker connections. And with the TX-NR5008, TX-NR3008, and PR-SC5508, you have the added advantage of video in a second room.



## Convenient Overlaid Graphical On-Screen Display via HDMI

Changing the settings on an Onkyo A/V receiver is now more seamless than ever. Graphical set-up menus appear overlaid on the video image you're watching, so you can adjust the settings immediately, without having to switch back and forth from a blank screen background.

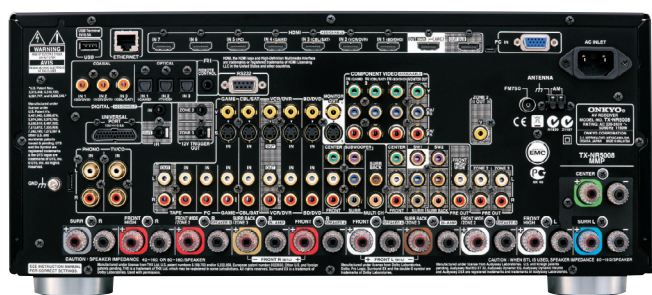


Note: Type of OSD depends on model.

## Universal Port for Single-Cable Connection of Onkyo Peripheral Devices

A proprietary Universal Port located on the rear side of all new Onkyo A/V receivers lets you connect a UP-A1 Dock for the iPhone/iPod or UP-DT1 DAB+ Radio Tuner. A key advantage of the Universal Port is that it accepts video and audio signals through the same cable that sends a power supply from the receiver to the devices. Earlier versions of Onkyo's Dock for the iPod can be connected via our RI (Remote Interactive) system.





Microphone for Audyssey



## TX-NR5008 9.2-Channel Network A/V Receiver

BLACK SILVER



- 220 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC
- THX® Ultra2 Plus™ Certified
- HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- 8 HDMI Inputs (1 Front/7 Rear) and 2 Outputs
- HDMI Video Upscaling to 1080p with HQV Reon-VX
- VLSC™ (Vector Linear Shaping Circuitry) for All Channels
- Custom-Designed, Large-Size Transistors to Drive High Currents
- Customized 22,000  $\mu$ F Capacitors for Effective Power Supply
- Massive Toroidal Transformer and Two Separate Transformers for Audio and Video Processing
- Burr-Brown 192 kHz/32-Bit DACs (PCM1795 x 6) for All Channels
- Audyssey MultEQ® XT32 for Room Acoustic Correction
- Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, and LPCM)
- Internet Radio Connectivity (Last.fm, Napster, and vTuner)<sup>\*1</sup>
- Powered Zone 2/3 and Zone 2/3 Pre Outs for Distributed Audio Playback in Multiple Rooms
- Zone 2 Monitor Output (Composite Video)
- Bi-Amping and BTL (Bridged Transless) Capability
- 2 USB Inputs (Front/Rear) for Memory Devices and iPhone/iPod Models (Enables Display of Album Artwork)<sup>\*2</sup>
- Gold-Plated, Machined Solid Brass, 19 mm-Pitch Audio Inputs (TV/CD and Phono)
- Three-Stage Inverted Darlington Circuitry
- Three 32-Bit Processing DSP Chips (DA830 x 1, DA788 x 2)
- PLL Jitter-Cleaning Circuit Technology
- DSD Direct for Super Audio CD
- Audyssey DSX™ and Dolby® Pro Logic® IIz for New Surround Channels
- DTS Neural Surround™ Decoding
- Analog RGB Video Input (D-sub, 15 pin) and Audio Input for PC
- Color-Coded, 9.2 Multichannel Pre Outs (Including 2 Independent Subwoofer Pre Outs)
- ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance
- Dolby® Volume for Reference-Quality Listening Experience at Any Volume
- Overlaid Graphical On-Screen Display (OSD) via All Video Outputs

<sup>\*1</sup> Availability of services depends on region. <sup>\*2</sup> Only front-panel USB input is compatible with iPhone/iPod.

## PR-SC5508 9.2-Channel Network A/V Controller

BLACK



- THX® Ultra2 Plus™ Certified • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 8 HDMI Inputs (1 Front/7 Rear) and 2 Outputs • HDMI Video Upscaling to 1080p with HQV Reon-VX • VLSC™ (Vector Linear Shaping Circuitry) for All Channels • Burr-Brown 192 kHz/32-Bit DACs (PCM1795 x 6) for All Channels • Audyssey MultEQ® XT32 for Room Acoustic Correction
- Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, and LPCM) • Internet Radio Connectivity (Last.fm, Napster, and vTuner)<sup>\*1</sup> • Zone 2 and Zone 3 Pre Outs for Distributed Audio Playback in Multiple Rooms • Zone 2 and Zone 3 Subwoofer Pre Outs • Zone 2 Monitor Outputs (Component and Composite Video) • 2-Channel Balanced XLR Audio Inputs • 9.2-Channel Balanced Line-Level XLR Pre Outs (with Front Bi-Amping Capability) • 2 USB Inputs (Front/Rear) for Memory Devices and iPhone/iPod Models (Enables Display of Album Artwork)<sup>\*2</sup> • Gold-Plated, Machined Solid Brass, 19 mm-Pitch Audio Inputs (TV/CD and Phono)

<sup>\*1</sup> Availability of services depends on region. <sup>\*2</sup> Only front-panel USB input is compatible with iPhone/iPod.



## PA-MC5500 9-Channel Amplifier

BLACK



- 220 W/Ch (6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC) • Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry to Remove Distortion • All Discrete Output Stage Circuitry • Massive Toroidal Transformer • Two Large, Customized, 22,000  $\mu$ F Capacitors for Effective Power Supply • Audio-Tuned Reference Capacitors for Each Channel
- Large, Custom-Designed Power Transistors to Drive High Currents • Low-Impedance, Copper Bus Plates for Perfect Ground Potential • High-Current, Low-Impedance Circuit Boards with Thick Copper Foil (70  $\mu$ m) • Flat, High-Rigidity, Anti-Resonant Chassis
- Gold-Plated XLR Inputs • Machined Solid Brass RCA Inputs • Gold-Plated, Color-Coded, Banana Plug-Compatible, Transparent Speaker Posts • Multi-Zone Capability (up to Zone 3)<sup>\*</sup> • Bi-Amping Capability<sup>\*</sup> • 12V Trigger Input • Auto Power Down Function • Aluminum Front Panel

<sup>\*</sup> Depending on A/V Controller



Microphone for Audyssey



# TX-NR3008

9.2-Channel Network A/V Receiver

BLACK SILVER



- 200 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC • THX® Ultra2 Plus™ Certified • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 8 HDMI Inputs (1 Front/7 Rear) and 2 Outputs • HDMI Video Upscaling to 1080p with HQV Reon-VX • VLSC™ (Vector Linear Shaping Circuitry) for All Channels
- Massive Transformer and Two Separate Transformers for Audio and Video Processing
- Burr-Brown 192 kHz/24-Bit DACs (PCM1796 x 6) for All Channels • DSD Direct for Super Audio CD • Audyssey MultEQ® XT32 for Room Acoustic Correction
- Dolby® Volume for Reference-Quality Listening Experience at Any Volume
- Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, and LPCM) • Internet Radio Connectivity (Last.fm, Napster, and vTuner)\*
- Front-Panel USB Input for Memory Devices and iPhone/iPod Models (Enables Display of Album Artwork) • Powered Zone 2/3 and Zone 2/3 Pre Outs for Distributed Audio Playback in Multiple Rooms
- Zone 2 Monitor Output (Composite Video) • Bi-Amping and BTL (Bridged Transless) Capability • Machined Solid Brass, 19 mm-Pitch Audio Inputs (TV/CD and Phono) \*Availability of services depends on region.



# TX-NR1008

9.2-Channel Network A/V Receiver

BLACK SILVER



- 180 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC • THX® Select2 Plus™ Certified • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 7 HDMI Inputs (1 Front/6 Rear) and 2 Outputs • HDMI Video Upscaling to 1080p with Faroudja DCDi Cinema™ • Audyssey DSX™ and Dolby® Pro Logic® IIz for New Surround Channels
- ISF (Imaging Science Foundation) Video Calibration • Large-Size Transistors for High-Current Drive • Burr-Brown 192 kHz/24-Bit DACs (PCM1690 and PCM1789) for All Channels • PLL Jitter-Cleaning Circuit Technology
- Audyssey MultEQ® for Room Acoustic Correction • Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM) • Internet Radio Connectivity (Last.fm, Napster, and vTuner)\*
- Certified with Windows® 7 and DLNA Version 1.5 • Front-Panel USB Input for Memory Devices and iPhone/iPod Models (Enables Display of Album Artwork) • Firmware Updates via Ethernet and USB • Powered Zone 2/3 and Zone 2/3 Pre Outs for Distributed Audio Playback in Multiple Rooms



\*Availability of services depends on region.



# TX-NR808

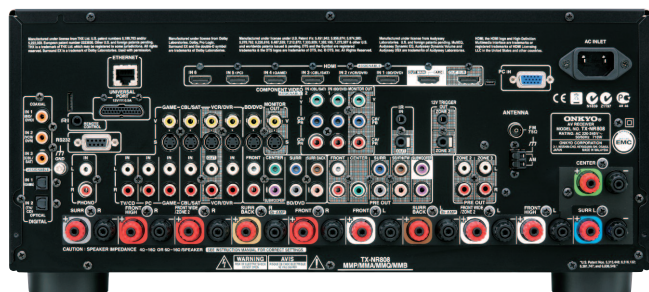
7.2-Channel Network A/V Receiver

BLACK SILVER



- 180 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC
- THX® Select2 Plus™ Certified
- HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- 7 HDMI Inputs (1 Front/6 Rear) and 2 Outputs
- HDMI Video Upscaling to 1080p with Faroudja DCDi Cinema™
- Audyssey DSX™ and Dolby® Pro Logic® IIz for New Surround Channels
- PLL Jitter-Cleaning Circuit Technology
- Audyssey MultEQ® for Room Acoustic Correction
- Audyssey Dynamic EQ® for Loudness Correction
- Audyssey Dynamic Volume®
- Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet Radio Connectivity (Last.fm, Napster, and vTuner)\*
- Certified with Windows® 7 and DLNA Version 1.5
- Front-Panel USB Input for Memory Devices and iPhone/iPod Models (Enables Display of Album Artwork)
- Firmware Updates via Ethernet and USB
- Powered Zone 2 and Zone 2/3 Pre-Outs for Distributed Audio Playback in Multiple Rooms
- WRAT (Wide Range Amplifier Technology)
- Three-Stage Inverted Darlington Circuitry
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Linear Optimum Gain Volume Circuitry
- Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels
- Two 32-Bit Processing DSP Chips (DA830 and CS49834)
- Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ Decoding
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Music Optimizer™ for Compressed Digital Music Files
- 6 Digital Inputs (3 Optical and 3 Coaxial)
- Analog RGB Video Input (D-sub, 15 pin) and Audio Input for PC
- Color-Coded, 7.1 Multichannel Inputs
- Color-Coded, 7.2 Multichannel Pre Outs
- RS232 Port, IR (In/Out), and 12V Trigger Outs (Zone 2/3)
- Overlaid Graphical On-Screen Display (OSD) via All Video Outputs

\*Availability of services depends on region.





## TX-NR708 **BLACK SILVER**

7.2-Channel Network A/V Receiver



- 170 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC • THX® Select2 Plus™ Certified • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 7 HDMI Inputs (1 Front/6 Rear) and 1 Output • HDMI Video Upscaling to 1080p with Faroudja DCDi Cinema™ • Audyssey DSX™ and Dolby® Pro Logic® Ilz for New Surround Channels • PLL Jitter-Cleaning Circuit Technology • Audyssey MultEQ® for Room Acoustic Correction • Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, and LPCM) • Internet Radio Connectivity (Last.fm, Napster, and vTuner)\* • Certified with Windows® 7 and DLNA Version 1.5 • Firmware Updates via Ethernet and USB • Front-Panel USB Input for Memory Devices and iPhone/iPod Models (Enables Display of Album Artwork) • Two 32-Bit Processing DSP Chips (DA830 and CS49834) • Analog RGB Video Input (D-sub, 15 pin) and Audio Input for PC • Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • Overlaid Graphical On-Screen Display (OSD) via HDMI • \*Availability of services depends on region.



Microphone for Audyssey



## TX-SR608 **BLACK SILVER**

7.2-Channel Home Cinema Receiver



- 160 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC • THX® Select2 Plus™ Certified • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 6 HDMI Inputs (1 Front/5 Rear) and 1 Output • HDMI Video Upscaling to 1080p with Faroudja DCDi Cinema™ • Audyssey DSX™ and Dolby® Pro Logic® Ilz for New Surround Channels • Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels • Jitter-Cleaning Circuit Technology • Three-Stage Inverted Darlington Circuitry • Audyssey 2EQ® for Room Acoustic Correction • Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • 2 Parallel Subwoofer Pre Outs • Analog RGB Video Input (D-sub, 15 pin) and Audio Input for PC • Overlaid Graphical On-Screen Display (OSD) via HDMI



Microphone for Audyssey



## TX-SR578 **BLACK SILVER**

7.1-Channel Home Cinema Receiver



- 130 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 4 HDMI Inputs and 1 Output • Dolby® Pro Logic® Ilz for New Surround Channels • Audyssey 2EQ® for Room Acoustic Correction • WRAT (Wide Range Amplifier Technology) • Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels • Jitter-Cleaning Circuit Technology • 4 Digital Inputs (2 Optical and 2 Coaxial) • Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • Overlaid Graphical On-Screen Display (OSD) via HDMI



Microphone for Audyssey



## TX-SR508 **BLACK SILVER**

7.1-Channel Home Cinema Receiver



- 130 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 4 HDMI Inputs and 1 Output • Dolby® Pro Logic® Ilz for New Surround Channels • Audyssey 2EQ® for Room Acoustic Correction • WRAT (Wide Range Amplifier Technology) • Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels • Jitter-Cleaning Circuit Technology • 4 Digital Inputs (2 Optical and 2 Coaxial) • Front-Panel Auxiliary A/V Input • Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • Overlaid On-Screen Display (OSD) via HDMI



Microphone for Audyssey



## TX-SR308 **BLACK SILVER**

5.1-Channel Home Cinema Receiver



- 100 W/Ch at 6  $\Omega$ , 1 kHz, 1 Channel Driven, IEC • HDMI® (Version 1.4a to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • 3 HDMI Inputs and 1 Output • Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ Decoding • Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels • Jitter-Cleaning Circuit Technology • 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG • 3 Digital Inputs (2 Optical and 1 Coaxial) • Front-Panel Audio Input for Portable Devices • Universal Port for Single-Cable Connection of Optional Onkyo Dock for iPhone/iPod or DAB+ Radio Tuner • Overlaid On-Screen Display (OSD) via HDMI





## BD-SP808 BLACK SILVER

Blu-ray Disc Player



- THX® Certified • HDMI® 1.3a Output to Support 1080p, Deep Color™, x.v.Color™, and CEC
- Dolby® TrueHD and Dolby® Digital Plus Decoding • Supports DTS-HD Master Audio™ Essential
- Upscaling of All Standard-Definition DVD Sources to 1080p (1080i, 720p, and 480p/576p) with Marvell Qdeo™ Video-Processing Chip • Plays BD-Video, BD-ROM (ver. 2.0), BD-R (ver. 1.1/1.2/1.3), BD-RE (ver. 2.1), DVD-Video, DVD-ROM/R/RW, Audio CD, CD-R/RW, DTS-CD, MP3 CD, WMA CD\*1 • Plays AVCHD\*2, DivX® HD, MP3, WMA, and JPEG Formats • Ethernet Port
- BD-Live (Profile 2.0) for a More Interactive Experience • Certified with DLNA Version 1.5 for Streaming Videos, Photos, and Music • Independent Circuit Blocks for Audio, Digital Video, and Analog Video to Reduce Electromagnetic Interference • SD/SDHC Memory Card Slot for Media Content • 2 Digital Outputs (Optical and Coaxial) • On-Screen Display (Auto\*3, English, French, Spanish, German, Italian, Portuguese, Dutch, Polish, Russian, Swedish)

\*1 Discs should be properly finalized. \*2 Encoded on 8 cm DVD, DVD-R/RW, SD card only. \*3 The language is selected automatically to match that used by the HDMI-connected display.



## BD-SP308 BLACK SILVER

Blu-ray Disc Player



- HDMI® 1.3a Output to Support 1080p, Deep Color™, and x.v.Color™ • Dolby® TrueHD and Dolby® Digital Plus Decoding • Supports DTS-HD Master Audio™ Essential • Upscaling of All Standard-Definition DVD Sources to 1080p (1080i, 720p, and 576p) • Plays BD-Video, BD-R/RE 3.0, BD-ROM, DVD Video, DVD±R/RW, DVD±R DL, MP3 CD, Audio CD, and CD-R/RW\*1 • Plays AVCHD\*2, DivX® HD, WMA, MP3, JPEG, and PNG Formats • BD-Live Function for a More Interactive Experience • 1080/24p Video Output for Full-HD Movies
- Ethernet Port for BD-Live • USB Port for Media Content • Digital Output (Coaxial)
- On-Screen Display (English, French, Spanish, German, Italian, Dutch)

\*1 Discs should be properly finalized. \*2 Encoded on DVD±R/RW only.



## DV-SP406 BLACK SILVER

1080p Upscaling DVD/CD/MP3 Player



- DTS Digital Out® and Dolby® Digital • Plays DVD Video, Video CD, DualDisc (Not DVD-Audio), Audio CD, CD-R/RW, DVD-R/RW, DVD+R/RW\* • Plays MP3, WMA, DivX®, and JPEG Formats
- HDMI® Digital Interface • 1080p Video Upscaling (via HDMI Output) • Front-Panel USB Port (for MP3, WMA, DivX, and JPEG Files) • Component and Composite Video Outputs • A/V Connector (SCART) • 2 Digital Outputs (Optical and Coaxial) • On-Screen Display (English, French, Spanish, German, Italian, Portuguese, Dutch, Polish, Russian, Czech, Hungarian, Swedish, Turkish) • Discs should be properly finalized.



## HT-S9305THX BLACK

THX® Certified 5.1-Channel Home Cinema Receiver/Speaker Package



## HT-S5305 BLACK SILVER

5.1-Channel Home Cinema Receiver/Speaker Package



## HT-R980 7.1-Channel Home Cinema Receiver

- 130 W/Ch at 6 Ω, 1 kHz, 1 channel driven, IEC • THX® I/S Plus™ Certified
- THX® Loudness Plus™, THX® Surround EX™, and THX Listening Modes (Movies, Music, Games) • HDMI® (Version 1.4a to support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • Audio and 1080p video processing via HDMI (4 inputs and 1 output) • Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ decoding
- HDMI video upscaling to 1080p with Faroudja DCDi Cinema™ • Dolby® Pro Logic® IIz for new surround channels • Burr-Brown 192 kHz/24-bit DACs (PCM1690) for all channels • WHD: 435 x 151.5 x 328.5 mm • 9.6 kg



## HTP-938 5.1-Channel Home Cinema Speaker System

- SKF-980 2-Way Acoustic Suspension Front Speakers • WHD: 158 x 433 x 199 mm • 5.3 kg
- SKC-980 2-Way Acoustic Suspension Center Speaker • WHD: 433 x 158 x 199 mm • 5.3 kg
- SKR-980 2-Way Acoustic Suspension Surround Speakers • WHD: 200 x 275 x 169 mm • 3.5 kg
- SKW-980 Acoustic Suspension Powered Subwoofer • WHD: 380 x 444 x 429 mm • 15.5 kg

## HT-R538 5.1-Channel Home Cinema Receiver

- 100 W/Ch at 6 Ω, 1 kHz, 1 channel driven, IEC • HDMI® (Version 1.4a to support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC • Audio and 1080p video processing via HDMI (3 inputs and 1 output) • Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ decoding • Burr-Brown 192 kHz/24-bit DACs (PCM1690) for all channels • Jitter-Cleaning Circuit technology • Overlaid on-screen display (OSD) via HDMI
- Universal port for single-cable connection of optional Onkyo Dock for iPhone/iPod or DAB+ radio tuner • H.C.P.S. (High Current Power Supply) massive high power transformer
- WHD: 435 x 151.5 x 328.5 mm • 8.0 kg

## HTP-538 5.1-Channel Home Cinema Speaker System

- SKF-538 Full-Range Bass Reflex Front Speakers • WHD: 101 x 161 x 111 mm • 0.8 kg
- SKC-538 Full-Range Bass Reflex Center Speaker • WHD: 231 x 101 x 113 mm • 0.9 kg
- SKR-538 Full-Range Bass Reflex Surround Speakers • WHD: 101 x 161 x 111 mm • 0.7 kg
- SKW-538 Bass Reflex Powered Subwoofer • WHD: 211 x 425 x 391 mm • 8.1 kg



## HT-S6305 **BLACK**

5.1-Channel Home Cinema Receiver/Speaker Package (with Dock for iPhone/iPod)



## TX-SR508 7.1-Channel Home Cinema Receiver

- 130 W/Ch at 6  $\Omega$ , 1 kHz, 1 channel driven, IEC
- HDMI® (Version 1.4a to support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- Dolby® Pro Logic® IIz for new surround channels
- Burr-Brown 192 kHz/24-bit DACs (PCM1690) for all channels
- Jitter-Cleaning Circuit technology
- Powered Zone 2 and Zone 2 Line-Out for playback of separate source in another room
- Overlaid on-screen display (OSD) via HDMI
- WHD: 435 x 151.5 x 328.5 mm • 9.4 kg



## HTP-638 5.1-Channel Home Cinema Speaker System

- SKF-538 Full-Range Bass Reflex Front Speakers • WHD: 101 x 161 x 111 mm • 0.8 kg
- SKC-538 Full-Range Bass Reflex Center Speaker • WHD: 230 x 102 x 113 mm • 0.9 kg
- SKR-538 Full-Range Bass Reflex Surround Speakers • WHD: 101 x 161 x 111 mm • 0.7 kg
- SKW-501E Bass Reflex Powered Subwoofer • WHD: 230 x 425 x 412 mm • 9.1 kg

## UP-A1 Dock for iPhone/iPod

## HT-BD6315 **BLACK**

5.1-Channel Home Cinema Receiver/Speaker Package with Blu-ray Player and Dock for iPhone/iPod

Note: HT-BD6315 includes HT-S6305 (see above) and BD-SP308 (see p. 6).



## HT-S3305 **BLACK**

5.1-Channel Home Cinema Receiver/Speaker Package



## HT-R380 5.1-Channel Home Cinema Receiver

- 100 W/Ch at 6  $\Omega$ , 1 kHz, 1 channel driven, IEC
- HDMI® (Version 1.4a to support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ decoding
- Burr-Brown 192 kHz/24-bit DACs (PCM1690) for all channels
- Jitter-Cleaning Circuit technology
- Overlaid on-screen display (OSD) via HDMI
- EX.Bass for deeper, more dynamic bass
- WHD: 435 x 151.5 x 328.5 mm • 8.0 kg

## HTP-338 5.1-Channel Home Cinema Speaker System

- SKF-338 Full-Range Bass Reflex Front Speakers • WHD: 101 x 161 x 111 mm • 0.8 kg
- SKC-338 Full-Range Bass Reflex Center Speaker • WHD: 230 x 102 x 113 mm • 0.9 kg
- SKR-338 Full-Range Bass Reflex Surround Speakers • WHD: 101 x 161 x 111 mm • 0.7 kg
- SKW-338 Bass Reflex Subwoofer • WHD: 211 x 425 x 381 mm • 5.5 kg

## HT-BD3315 **BLACK**

5.1-Channel Home Cinema Receiver/Speaker Package with Blu-ray Player

Note: HT-BD3315 includes HT-S3305 (see above) and BD-SP308 (see p. 6).



## HTX-22HDX **BLACK**

Ultra-Compact HD Home Cinema System



## HTX-22HDXPAW

5.1-Channel Amplifier with Built-in Subwoofer

- 25 W/Ch (FL/FR/C/SL/SR) at 6  $\Omega$ , 1 kHz, 1% 1 channel driven, IEC; 50 W (Subwoofer) at 3  $\Omega$ , 100 Hz, 1%, 1 channel driven, IEC
- HDMI® (Version 1.4a to support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- Audio and 1080p video processing via HDMI (3 inputs and 1 output)
- Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ decoding
- VLSC™ (Vector Linear Shaping Circuitry) for front L/R channel
- Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for all channels
- Jitter-Cleaning Circuit technology
- Overlaid on-screen display (OSD) via HDMI
- EX.Bass for deeper, more dynamic bass
- 4 DSP modes for gaming\*: Rock, Sports, Action, and RPG
- Theater-Dimensional virtual surround function
- Music Optimizer™ for compressed digital music files
- Optimum Gain Volume Circuitry
- CinemaFILTER™
- Advanced 32-bit processing DSP chip
- 3 digital inputs (2 optical and 1 coaxial)
- 2 audio inputs
- Auto power on/off function
- RIHD (Remote Interactive over HDMI) for system control
- Compatible with RI (Remote Interactive) dock for iPod
- Remote control
- 16 cm cone • WHD: 217 x 337 x 310 mm • 9.5 kg

\* Available only in 5.1-channel speaker configuration

## HTX-22HDXST

Full-Range Bass Reflex Speakers

- 8 cm cone • Max. input power: 40 W • Impedance: 6  $\Omega$
- Frequency response: 70 Hz–20 kHz • Magnetically shielded
- Gloss finished • WHD: 101 x 161 x 111 mm
- 0.8 kg

## SKS-22X

Full-Range Bass Reflex Center/Surround Speaker Package



Center Speaker/Surround Speakers

- 8 cm cone • Max. input power: 40 W • Impedance: 6  $\Omega$
- Frequency response: 80 Hz–20 kHz • Magnetically shielded
- Gloss finished
- WHD: 230 x 102 x 113 mm • 0.9 kg (Center Speaker)
- WHD: 101 x 161 x 111 mm • 0.8 kg (Surround Speakers)





## CS-1045 SILVER | BLACK

CD Hi-Fi Mini System



R-1045(B), C-1045(B), D-145

VLSC MP3 WMA USB RDS OMF Made for iPod iPhone

### R-1045 Stereo Receiver

- 70 W/Ch, 4  $\Omega$ , 1 kHz, 1 Channel Driven, IEC
- VLSC™ (Vector Linear Shaping Circuitry)
- Burr-Brown 192 kHz/24-Bit DACs (PCM11796)
- Massive Power Transformer
- Front-Panel USB Port for Single-Cable Digital Connection of iPhone/iPod
- Plays MP3, WMA, and AAC Formats via USB
- FM/AM 40 Preset Stations
- RDS (PS/RT)
- 2 Digital Audio Inputs (1 Optical and 1 Coaxial)
- 3 Analog Audio Inputs and 1 Output
- Phono Input (MM)
- 2 RI (Remote Interactive) Terminals
- Subwoofer Pre Out
- Headphone Jack
- Banana Plug-Compatible Speaker Posts
- Tone Control (Bass/Treble)

- Source Direct Mode
- High-Rigidity, Anti-Resonant Flat Chassis (1.6 mm Thick)
- Aluminum Front Panel
- Compatible iPhone/iPod Models: iPhone (iPhone 3GS, iPhone 3G, and iPhone), iPod touch (1st and 2nd Generations), iPod classic, iPod nano (2nd, 3rd, 4th, and 5th Generations)
- Recharges iPhone/iPod via USB
- iPhone/iPod Control with Supplied Remote Controller

### C-1045 CD Player

- Plays Audio CD, CD-R, and CD-RW\*
- Plays MP3 and WMA Formats
- Wolfson® Stereo DAC (WM8718)
- High-Precision Clock
- Digital Audio Output (Coaxial)
- Analog Audio Output
- 2 RI (Remote Interactive) Terminals
- 4 Play Modes (Normal/Memory/Random/Folder)

- 2 Repeat Modes (Track/All)
- Memory Playback (25-Track Programming)
- High-Rigidity, Anti-Resonant Flat Chassis (1.6 mm Thick)
- Aluminum Front Panel

\*Discs should be properly finalized.

### D-145 2-Way Bass Reflex Speakers

- 12 cm OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- Center-Mounted Equalizer on Woofer for Fast and Accurate Response
- V-Line Edge and High-Linearity Damper
- MDF Cabinet
- Gloss Finished Top and Side Panels
- Banana Plug-Compatible Speaker Posts
- Impedance: 4  $\Omega$
- Max. Input Power: 80 W
- Frequency Response: 55 Hz–35 kHz

## Bringing Audio Finesse to Smaller Rooms

The CS-1045 gives you the quality of separate components plus the space-saving convenience of a mini system. On the playback side, the CD player employs high-quality Wolfson® DACs to get the most out of your CDs and MP3- or WMA-encoded discs. Complementing that is a handy front-side USB port on the matching receiver; which offers easy playback of iPhone/iPod and flash memory devices. Of course, the receiver's main job is to amplify your favorite music. It does this with panache, thanks to an advanced digital design that works alongside Onkyo's precision-engineered VLSC™ technology. The system is rounded out by a pair of compact bookshelf speakers featuring Onkyo's OMF diaphragms and V-Line Edge technology for a tight and accurate sound.

## PHA-1045 SILVER | BLACK

CD Mini Hi-Fi Components

- R-1045 Stereo Receiver
- C-1045 CD Player

(See above)





## CS-V645 SILVER/BLACK BLACK/BLACK SILVER/WHITE

DVD/CD Hi-Fi Mini System



DR-645(S), D-045(B)



(iPod not included)

HDMI DOLBY DIGITAL 2.0+ Digital Out DTS DVD VIDEO MP3 WMA JPEG USB RDS OMF OFFLINE TRACKING Made for iPod

## Compact A/V System Handles USB, iPod, and More

### DR-645 DVD Receiver

#### Amplifier and DVD Player Features

- 40 W/Ch, 4 Ω, 1 kHz
- Plays DVD-Video, DVD±R/RW, DVD±R DL, Video CD, Audio CD, CD-R/RW\*
- Plays MP3, WMA, JPEG, and DivX® Formats
- Dolby® Digital and DTS 2.0+ Digital Out Decoding
- 1080p Video Upscaling via HDMI® Output
- Front-Panel USB Port for Mass Storage Devices
- Front-Panel Audio Input for Portable Devices
- Component Video and Composite Video Outputs
- Digital Audio Output (Coaxial)
- Analog Audio Input and Output
- Subwoofer Pre Out

- Headphone Jack
- Tone Control (Bass/Treble)
- Super Bass Function
- 4 Play Modes for CD (Normal/Memory/Random/Folder)
- Memory Playback (25-Track Programming)
- 3 Repeat Modes (Track/Full/Folder for MP3 and WMA formats)

\*Discs should be properly finalized.

#### iPod Dock Features

- Compatible iPod Models: iPod touch, iPod classic, iPod nano (2nd, 3rd, 4th, and 5th Generations)
- Recharges iPod

#### Tuner and Other Features

- FM Tuning with 20 Presets
- RDS (PS/RT)

- Wake-Up Timer
- Sleep Timer
- Battery-Free Memory Back-Up
- Aluminum Front Panel
- Full-Function Remote Control
- iPod Control with Supplied Remote Controller

### D-045 2-Way Bass Reflex Speakers

- 12 cm OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- V-Line Edge to Remove Unwanted Diaphragm Vibration
- Impedance: 4 Ω
- Max. Input Power: 70 W
- Frequency Response: 55 Hz–35 kHz

## CS-545 SILVER/BLACK BLACK/BLACK SILVER/WHITE

CD Hi-Fi Mini System



CR-545(S), D-045(B)



(iPhone not included)

MP3 WMA USB RDS OMF OFFLINE TRACKING Made for iPod iPhone

## Space-Conscious Audio Solution with USB and iPod Playback

### CR-545 CD Receiver

#### Amplifier and CD Player Features

- 40 W/Ch, 4 Ω, 1 kHz, 10%, 2 Channels Driven
- High-Current Low-Impedance Drive
- Plays Audio CD, CD-R, CD-RW\*
- Plays MP3 and WMA Formats
- Front-Panel USB Port for Mass Storage Devices
- Audio Input
- Composite Video Output (Including Video Out for iPhone/iPod)
- Subwoofer Pre Out
- Headphone Jack
- Tone Control (Bass/Treble)
- Balance Control

- Super Bass Function
- 4 Play Modes for CD (Normal/Memory/Random/Folder)
- 3 Repeat Modes for CD (Track/Full/Folder)
- Memory Playback (25-Track Programming)

\*Discs should be properly finalized.

#### iPhone/iPod Dock Features

- Compatible iPhone/iPod Models: iPhone (iPhone 3GS, iPhone 3G, and iPhone), iPod touch (1st and 2nd Generations), iPod classic, iPod nano (2nd, 3rd, 4th, and 5th Generations)
- Recharges iPhone/iPod

#### Tuner and Other Features

- FM/AM Tuning with 40 Presets
- FM Auto Preset
- RDS (PS/RT)

- 4-Program Timer (Play/Once or Every)
- Wake-Up Timer
- Sleep Timer
- Battery-Free Memory Backup
- Aluminum Front Panel
- Full-Function Remote Control
- iPhone/iPod Control with Supplied Remote Controller

### D-045 2-Way Bass Reflex Speakers

- 12 cm OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- V-Line Edge to Remove Unwanted Diaphragm Vibration
- Impedance: 4 Ω
- Max. Input Power: 70 W
- Frequency Response: 55 Hz–35 kHz

## All-In-One Audio System



## CD RECEIVER FEATURES

- 10 W/Ch, 6  $\Omega$ , 1 kHz
- Plays Audio CD, CD-R, CD-RW\*
- Plays MP3 and WMA Formats
- Slot-in CD Loading Mechanism
- USB Port for Flash Drives
- 3.5 mm Stereo Mini Jack for External Input
- Headphone Jack
- Tone Control (Bass/Treble,  $\pm 5$  Steps)
- 3-Step Super Bass Function for Deeper Bass Sound
- 25-Track Memory Playback
- Playback Modes for CD (Normal/Ramdom/Memory) and MP3/WMA CD (Normal/Ramdom/Memory/Folder)
- Repeat Modes for CD (Current Track/All Tracks) and MP3/WMA CD (Folder)

\*Discs should be properly finalized.

## iPod DOCK FEATURES

- Compatible iPod Models: iPod touch, iPod classic, iPod nano (2nd, 3rd, 4th, and 5th Generations)
- Recharges iPod

## TUNER AND OTHER FEATURES

- FM/AM Tuning with 40 Presets
- RDS (PS/RT)
- Preset Station Naming
- FM Auto Preset Function
- 4-Mode Timer (Play/Once or Every)
- Sleep Timer
- Snooze Function
- Accuclock
- Dimmer Function (Normal/Dim/Dimmer)
- Battery-Free Memory Back-Up

- Aluminum Top Panel
- Full-Function Remote Control
- iPod Control with Supplied Remote Controller

## SPEAKER FEATURES

- Full-Range, Bass Reflex 8 cm OMF Diaphragms x 2
- Aero Acoustic Drive for Powerful and Natural Sound
- Separated Speaker Enclosures to Reduce Unwanted Vibrations
- Magnetically Shielded

### System Dimensions and Weight

- WHD: 459.5 x 193 x 202 mm
- 4.9 kg

## CD Receiver System



## CR-325 CD Receiver

- 19 W/Ch, 4  $\Omega$ , 1 kHz, 2 Channels Driven, IEC
- Plays Audio CD and MP3-Encoded CD-R/RW®
- WRAT (Wide Range Amplifier Technology)
- Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- Direct Mode
- 2 Audio Inputs and 1 Output
- Subwoofer Pre Out

- FM/AM Tuning with 40 Presets
  - Super Bass Function
  - Aluminum Front Panel
  - Banana Plug-Compatible Speaker Posts
- \*Discs should be properly finalized.*

### D-035 2-Way Bass Reflex Speakers

- 10 cm OMF Diaphragm Woofer
- 2.5 cm Balanced-Dome Tweeter
- Max. Input Power: 40 W
- Frequency Response: 50 Hz–50 kHz

## DVD Receiver/Speaker Package



## DR-S501 2.1-Channel DVD Receiver

- 50 W/Ch, 6  $\Omega$ , 1 kHz, IEC
- Plays DVD-Audio and Video, Video CD, Super Audio CD, Audio CD, DVD $\pm$ R/RW, CD-R/RW\*
- Plays MP3, WMA, DivX<sup>®</sup> and JPEG Formats
- DTS Digital Surround<sup>®</sup>, DTS 96/24", Dolby<sup>®</sup> Digital
- WRAT (Wide Range Amplifier Technology)
- Discrete Output Stage Circuitry
- HDMI<sup>®</sup> Pass-Through (1080i Compatible; 1 Input and 1 Output)
- Component Video Output
- 2 A/V Inputs
- Pure/Direct Modes
- 2 Digital Inputs (1 Optical and 1 Coaxial)

- Subwoofer Pre Out
  - FM/AM Tuning with 40 Presets
- \*Discs should be properly finalized.*

## HTP-501 2.1-Channel Speaker System

**SKF-501F**

### 2-Way Acoustic-Suspension Front Speakers

- 8 cm Cone Woofer x 2
- 2.5 cm Balanced-Dome Tweeter
- Max. Input Power: 120 W
- Frequency Response: 60 Hz–50 kHz

SKW-501

**Bass Reflex Powered Subwoofer**

- 20 cm Cone
- Max. Output Power: 150 W
- Frequency Response: 27 Hz–150 Hz



## A-933 SILVER BLACK

Integrated Stereo Amplifier



### VL Digital RI

- 80 W/Ch, Continuous 8 Ω, 1 kHz, DIN
- Exclusive Onkyo VL Digital Technology
- Dual Toroidal Power Transformers
- All Discrete Output Stage Circuitry
- Low-Impedance Copper Bus Plates for Perfect Ground Potential
- Precision Motor-Driven Volume Control
- Subwoofer Pre Out
- High-Rigidity, Anti-Resonant Chassis
- WHD: 275 x 103 x 328 mm
- 7.5 kg



## C-733 SILVER BLACK

CD Player



### VLSC 192/24 DIRECT DIGITAL PATH DLA RI

- Plays Audio CDs and CD-R/RWs\*
- VLSC™ (Vector Linear Shaping Circuitry)
- 192 kHz/24-Bit DAC
- Super Precision Clock (±1.5 ppm)
- Direct Digital Path
- 2 Optical Digital Outputs
- High-Rigidity, Anti-Resonant Chassis
- WHD: 275 x 103 x 304 mm
- 4.5 kg

\*Discs should be properly finalized.

## T-433 SILVER BLACK

FM/AM RDS Tuner



### RDS RI

- Automatic FM/AM Scan Tuning
- 30 FM/AM Presets
- RDS (CT/PS/RT)
- 4 Timer Mode Settings (Play or Rec/Once or Every)
- Sleep Timer
- High-Rigidity, Anti-Resonant Chassis
- WHD: 275 x 78 x 309 mm
- 3.0 kg

## PHA-933 SILVER BLACK

Amplifier, CD Player & Tuner Package

A-933 Integrated Stereo Amplifier  
T-433 FM/AM RDS Tuner  
C-733 CD Player



## A-5VL SILVER BLACK

Integrated Stereo Amplifier



- 80 W/Ch at 4 Ω, 1 kHz, 2 Channels Driven, IEC
- VLSC™ (Vector Linear Shaping Circuitry)
- Separate Transformers for L/R Channels
- New Custom-Designed, Audio-Tuned Reference Capacitors
- Burr-Brown (PCM1796) 192 kHz/24-Bit D/A Converters
- Low-Impedance Copper Bus Plates for Perfect Ground Potential
- Optimum Gain Volume Circuitry
- Precision Motor-Driven Volume Control
- 4 Audio Inputs and 1 Output
- 2 Digital Inputs (Optical and Coaxial)
- Phono Input (MM/MC)
- Speaker A/B Drive
- Machined Solid Brass, 19 mm-Pitch Audio Terminals for High-Grade RCA Audio Cable
- Gold-Plated, Banana Plug-Compatible Transparent Speaker Posts
- High-Rigidity, Anti-Resonant Flat Chassis (1.6 mm Thick)
- WHD: 435 x 80 x 340 mm
- 10.2 kg

### VLSC RI

## C-S5VL SILVER BLACK

Super Audio CD/CD Player



- Plays Super Audio CD, Audio CD, CD-R, CD-RW, MP3 CD, and WMA CD\*
- VLSC™ (Vector Linear Shaping Circuitry)
- High-Grade Wolfson® 192 kHz/24-Bit D/A Converter (WM8742) with DSD Bit-Stream Support for Super Audio CD Applications
- Thermally Regulated Crystal Oscillator and Jitter-Cleaner Device to Stabilize Clock Frequency
- 2 Digital Outputs (Optical and Coaxial)
- Digital Out On/Off
- Machined Solid Brass, 19 mm-Pitch Audio Terminals for High-Grade RCA Audio Cable
- Digital Filter Control (CD: 5 Modes, Super Audio CD: 4 Modes and DSD Direct)
- Phase Control
- Repeat Modes (Super Audio CD and CD: Disc/Track/A-B Repeat, MP3 CD and WMA CD: Disc/Track/Folder/A-B Repeat)
- High-Rigidity, Anti-Resonant Flat Chassis (1.6 mm Thick)
- WHD: 435 x 80 x 318 mm
- 4.5 kg

### VLSC MP3 WMA RI

## ND-S1 SILVER BLACK

Digital Media Transport



ND-S1(S)

- Easily Links iPod touch (1G and 2G), iPod classic, iPod (5G\*), iPod nano (1G\*, 2G, 3G, and 4G)
- High-Precision Circuit Clock (±10 ppm) for Precise Digital Processing
- Works with Onkyo A/V Systems with Audio/Video Terminals
- iPod Video Playback
- iTunes Sync/Unsync Switch
- Audio Selector (iPod/PC)
- Resume Music and Video Playback Function
- Shuffle Function for Random Playback of Songs/Albums
- Repeat Function (1 Track/All)
- Auto Power On
- Digital Outputs (Optical/Coaxial)
- USB Port for PC
- Composite Video Output
- Direct Change (Automatically Switches Input Source to iPod)
- iPod Recharging Function
- Remote Control Operability via Onkyo A/V System's RI (Remote Interactive) Remote Control
- Exclusive Remote Controller Supplied
- WHD: 205 x 34 x 175 mm
- 530 g

\*Available in Extended mode only.



Rear View

## A-9377 SILVER BLACK

Integrated Stereo Amplifier



- 90 W/Ch at 4  $\Omega$ , 1 kHz, 2 Channels Driven, IEC • WRAT (Wide Range Amplifier Technology) • All-Discrete Output Stage Circuitry • Massive Power Transformer
- Low Impedance Drive • Optimum Gain Volume Circuitry • Precision Motor-Driven Volume Control • 5 Audio Inputs and 1 Output • Pre Out Terminal • Phono Input • Speaker A/B Drive • Banana Plug-Compatible Speaker Posts • High-Rigidity, Anti-Resonant Chassis
- Aluminum Front Panel and Volume Knob • WHD: 435 x 150 x 348 mm • 8.8 kg

WRAT  
WIDE RANGE AMP TECHNOLOGY

RI

## A-9155 SILVER BLACK

Integrated Stereo Amplifier



- 65 W/Ch, 4  $\Omega$ , 1 kHz, 2 Channels Driven, IEC • WRAT (Wide Range Amplifier Technology)
- All Discrete Output Stage Circuitry • Optimum Gain Volume Circuitry • Audiophile Grade Capacitors • Precision Motor-Driven Volume Control • Phono Equalizer • 4 Audio Inputs and 2 Outputs • Phono Input • Speaker A/B Drive • High-Rigidity, Anti-Resonant Chassis
- Aluminum Volume and Selector Knobs • Banana Plug-Compatible Speaker Posts • WHD: 435 x 121 x 344 mm • 6.8 kg

WRAT  
WIDE RANGE AMP TECHNOLOGY

RI

## TX-8555 SILVER BLACK

Stereo Receiver



- 125 W/Ch, 4  $\Omega$ , 1 kHz, IEC • WRAT (Wide Range Amplifier Technology) • High-Current, Low-Impedance Drive • Discrete Output Stage Circuitry • Massive Power Transformer
- Pure Audio Mode • 2 Audio and 4 A/V Inputs • 1 Audio and 1 A/V Output • Phono Input • Speaker A/B Drive • Zone 2 Pre Out • Subwoofer Pre Out • IR Input and Output
- 40 FM/AM Presets • RDS (PS/PTY/RT/TP) • Preset Station Naming (Up to 8 Characters)
- Brushed Hairline Aluminum Front Panel • WHD: 435 x 149 x 340 mm • 8.5 kg

WRAT  
WIDE RANGE AMP TECHNOLOGY



RDS RI

## TX-8255 BLACK SILVER

Stereo Receiver



- 90 W/Ch, 4  $\Omega$ , 1 kHz, IEC • WRAT (Wide Range Amplifier Technology) • High-Current, Low-Impedance Drive • Discrete Output Stage Circuitry • Massive Power Transformer
- 5 Audio Inputs and 2 Outputs • Phono Input • Speaker A/B Drive • IR Input and Output
- 40 FM/AM Presets • RDS (PS/PTY/RT/TP) • Banana Plug-Compatible Speaker Posts
- Brushed Hairline Aluminum Front Panel • WHD: 435 x 149 x 340 mm • 7.5 kg

WRAT  
WIDE RANGE AMP TECHNOLOGY

RDS RI

## T-4355 SILVER BLACK

FM/AM Tuner



- FM/AM Auto and Manual Tuning • Auto Presets (20 FM/10 AM) • RDS (PS/RT) • FM Mono Mode
- Front Panel Controls (Display, Band, Preset, Memory, FM Mode) • High-Rigidity, Anti-Resonant Chassis • Aluminum Front Panel • Audiophile Grade Capacitor
- WHD: 435 x 81 x 310 mm • 3.2 kg

RDS RI

## DX-7355 SILVER BLACK

CD Player



- Plays Audio CDs, MP3-Encoded CDs, CD-R/CD-RWs\* • VLSC™ (Vector Linear Shaping Circuitry) • Wolfson® (WM8716) 192 kHz/24-Bit DAC • Massive Power Transformer
- Audiophile-Grade Capacitors • 2 Digital Outputs (Optical and Coaxial) • Quick Navigation for MP3 CD Playback • High-Rigidity, Anti-Resonant Chassis • Brushed Hairline Aluminum Front Panel
- WHD: 435 x 81 x 315 mm • 4.4 kg \*Discs should be properly finalized.

MP3 192/24 VLSC RI

## DX-C390 SILVER BLACK

6-Disc CD Carousel Changer

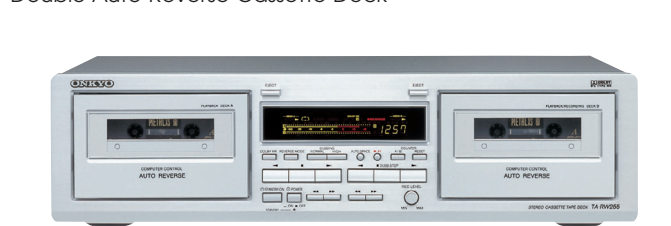


- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs\* • VLSC™ (Vector Linear Shaping Circuitry) • VQA (Vector Quantizer Audio) Conversion Technology • Change up to 5 Discs During Play
- 192 kHz/24-Bit Audio DAC • Direct Digital Path • 2 Digital Outputs (Optical and Coaxial) • Next Selection Function • Brushed Hairline Aluminum Front Panel
- WHD: 435 x 131 x 432 mm • 6.9 kg \*Discs should be properly finalized.

MP3 192/24 VLSC VQA 192/24 DIRECT DIGITAL PATH RI

## TA-RW255 SILVER BLACK

Double Auto-Reverse Cassette Deck



- Dolby® B and C Noise Reduction • CD-to-Tape Synchro Recording • Rec Level Control
- Auto Tape-Bias Adjustment • Auto-Space and Rec Mute • High Speed Dubbing
- 8-Segment Peak Level Meters • Peak Hold • Brushed Hairline Aluminum Front Panel
- WHD: 435 x 121 x 303 mm • 4.9 kg

DOLBY  
B & C NR1

RI



## SKS-HT528 BLACK

5.1-Channel Home Cinema Speaker System



### SKF-528 Full-Range Bass Reflex Front Speakers

• 8 cm cone • Max. input power: 120 W • Gloss finished • Magnetically shielded • WHD: 101 x 175 x 116 mm • 0.7 kg

### SKC-528 Full-Range Bass Reflex Center Speaker

• 8 cm cone • Max. input power: 120 W • Gloss finished • Magnetically shielded • WHD: 273 x 101 x 106 mm • 1.0 kg

### SKR-528 Full-Range Bass Reflex Surround Speakers

• 8 cm cone • Max. input power: 120 W • Gloss finished • WHD: 101 x 175 x 116 mm • 0.7 kg

Note: All speakers feature a gloss finish, an impedance of 6  $\Omega$ , color-coded speaker terminals and cable, and wall-mounting capability.

### SKW-501 Bass Reflex Powered Subwoofer

• 20 cm cone • Down-firing • Max. output power: 150 W • Auto standby/On circuitry • WHD: 230 x 425 x 412 mm • 9.1 kg

## SKW-208 BLACK SILVER

Bass Reflex Powered Subwoofer



- Rated output power: 120 W minimum continuous power (4  $\Omega$ , 100 Hz, maximum 1% THD) • 25 cm cone
- Down-firing • Adjustable crossover frequency (50 Hz–200 Hz)
- Phase switch (0° or 180°) • Output-level control
- Line input • Frequency response: 25 Hz–200 Hz
- Gloss-finished front panel • WHD: 275 x 507 x 411 mm
- 11.6 kg

## D-TK10

2-Way Bass Reflex Speakers



- 10 cm A-OMF Monocoque diaphragm woofer • 3 cm ring-drive tweeter
- Supported by a large voice coil • Takamine Acoustic Voicing Technology construction
- Aero Acoustic Drive for powerful and natural sound • Network circuit with high-quality parts • Gold-plated, banana plug-compatible speaker posts
- Frequency response: 50 Hz–100 kHz • Max. input power: 200 W • WHD: 133 x 276 x 220 mm • 2.9 kg

**A-OMF**  
MONOCOQUE

### Onkyo and Takamine Guitars: The Development Story

Innovation results from a combination of learned expertise, persistence, and inspired vision. There's no better example of this than the joint development of the D-TK10 loudspeakers by Onkyo and Takamine, one of the world's leading makers of precision-crafted guitars.

The unique proposal of creating a loudspeaker that could express the same resonant qualities as a musical instrument set a remarkable project in motion. Going against conventions in the audio industry, the project team focused on the speaker cabinet itself as another factor in the overall unit's musical character. Using innovative thinking to surmount a range of challenges—for example, using internal bracing to contribute to the speakers' tonality—Onkyo and Takamine revealed the possibilities of experience and invention.



**Takamine**

**TECHNOLOGY**  
— Acoustic Voicing —

## UP-A1 BLACK

Dock for the iPhone/iPod



(iPhone not included)

- Easy Connection via Universal Port
- Audio and Video Playback • Recharges iPhone/iPod
- Control via Compatible A/V Receiver's Remote Controller
- WHD: 83 x 33 x 74 mm • 200 g

UP-A1 is compatible with iPhone, iPhone 3G, iPod touch (1G, 2G), iPod classic, iPod with click wheel (4G), iPod with video (5G), iPod photo, iPod mini, and iPod nano (1G, 2G, 3G, 4G).

Note: 1G, 2G, 3G iPod models are not supported. Updating iPhone/iPod software is advised before using the UP-A1.

Made for  
iPod iPhone



UP-A1 (Front)

## DS-A3 BLACK

Remote Interactive Dock



(iPod not included)

- Audio and Video Playback • Recharges iPod
- Dedicated Remote Control • WHD: 110 x 54 x 112 mm
- 300 g

DS-A3 is compatible with iPod touch (1G, 2G), iPod classic, iPod with click wheel (4G), iPod with video (5G), iPod photo, iPod mini, and iPod nano (1G, 2G, 3G, 4G).

Note: 1G, 2G, 3G iPod models are not supported. Updating iPod software is advised before using the DS-A3.

Made for  
iPod



## UP-DT1 BLACK

DAB+ Radio Tuner



- Superior Digital Sound Quality • Compatible with DAB and DAB+ Over Band-III and L-Band
- Easy Connection via Universal Port • Power Supply via Universal Port
- 40 Preset Stations • Control via Remote Controller of Compatible A/V Receiver • Other Accessories Using Universal Port Connectable via Rear-Side Port
- WHD: 140 x 32.5 x 116.5 mm • 300 g

**DAB+**  
Digital Audio Broadcasting



Rear View

# SPECIFICATIONS

| A/V RECEIVERS  | TX-NR5008  | PR-SC5508  | TX-NR3008  | TX-NR1008  | TX-NR808   | TX-NR708   | TX-SR608   | TX-SR578   | TX-SR508   | TX-SR308   |
|--|--|--|--|--|--|--|--|--|--|--|
| <b>AMPLIFIER SECTION</b>                                       |  |  |  |  |  |  |  |  |  |  |
| <b>Power Output</b><br>All Channels<br>(except for subwoofers) | 220 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | —  | 200 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | 180 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | 180 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | 170 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | 160 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | 130 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | 130 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   | 100 W/Ch (6 Ω,<br>1 kHz, 1 channel<br>driven, IEC)   |
| <b>Dynamic Power</b>   | 400 W (3 Ω, Front)<br>300 W (4 Ω, Front)<br>180 W (8 Ω, Front)   | —  | 320 W (3 Ω, Front)<br>270 W (4 Ω, Front)<br>160 W (8 Ω, Front)   | 300 W (3 Ω, Front)<br>250 W (4 Ω, Front)<br>150 W (8 Ω, Front)   | 300 W (3 Ω, Front)<br>250 W (4 Ω, Front)<br>150 W (8 Ω, Front)   | 250 W (3 Ω, Front)<br>220 W (4 Ω, Front)<br>130 W (8 Ω, Front)   | 240 W (3 Ω, Front)<br>210 W (4 Ω, Front)<br>120 W (8 Ω, Front)   | 180 W (3 Ω, Front)<br>160 W (4 Ω, Front)<br>100 W (8 Ω, Front)   | 180 W (3 Ω, Front)<br>160 W (4 Ω, Front)<br>100 W (8 Ω, Front)   | 160 W (3 Ω, Front)<br>125 W (4 Ω, Front)<br>85 W (8 Ω, Front)  |
| <b>THD (Total Harmonic Distortion)</b>                         | 0.05%<br>(Rated power)   | 0.05%<br>(Rated power)   | 0.05%<br>(Rated power)   | 0.08%<br>(Rated power)   | 0.08%<br>(Rated power)   | 0.08%<br>(Rated power)   | 0.08%<br>(1 kHz, 1 W Output)   | 0.08%<br>(1 kHz, 1 W Output)   | 0.08%<br>(1 kHz, 1 W Output)   | 0.08%<br>(1 kHz, 1 W Output)   |
| <b>Damping Factor</b>  | 60 (Front, 1 kHz,<br>8 Ω)  | —  | 60 (Front, 1 kHz,<br>8 Ω)  | 60 (Front, 1 kHz,<br>8 Ω)  | 60 (Front, 1 kHz,<br>8 Ω)  | 60 (Front, 1 kHz,<br>8 Ω)  | 60 (Front, 1 kHz,<br>8 Ω)  | 60 (Front, 1 kHz,<br>8 Ω)  | 60 (Front, 1 kHz,<br>8 Ω)  | 60 (Front, 1 kHz,<br>8 Ω)  |
| <b>Input Sensitivity and Impedance</b>                         | 200 mV/47 kΩ<br>(Line)<br>2.5 mV/47 kΩ<br>(Phono MM)   | 200 mV/47 kΩ<br>(Line)<br>2.5 mV/47 kΩ<br>(Phono MM)   | 200 mV/47 kΩ<br>(Line)<br>2.5 mV/47 kΩ<br>(Phono MM)   | 200 mV/47 kΩ<br>(Line)<br>2.5 mV/47 kΩ<br>(Phono MM)   | 200 mV/47 kΩ<br>(Line)<br>2.5 mV/47 kΩ<br>(Phono MM)   | 200 mV/47 kΩ<br>(Line)<br>2.5 mV/47 kΩ<br>(Phono MM)   | 200 mV/47 kΩ<br>(Line)<br>200 mV/2.2 kΩ<br>(Rec out)   | 200 mV/47 kΩ<br>(Line)<br>200 mV/2.2 kΩ<br>(Rec out)   | 200 mV/47 kΩ<br>(Line)<br>200 mV/2.2 kΩ<br>(Rec out)   | 200 mV/47 kΩ<br>(Line)<br>200 mV/2.2 kΩ<br>(Rec out)   |
| <b>Rated RCA Output Level and Impedance</b>                    | 1 V/470 Ω<br>(Pre out)   | 1 V/470 Ω<br>(Pre out)   | 200 mV/470 Ω<br>(Pre out)  | 200 mV/470 Ω<br>(Pre out)  | 200 mV/470 Ω<br>(Pre out)  | 200 mV/470 Ω<br>(Pre out)  | 200 mV/2.2 kΩ<br>(Rec out)   | 200 mV/2.2 kΩ<br>(Rec out)   | 200 mV/2.2 kΩ<br>(Rec out)   | 200 mV/2.2 kΩ<br>(Rec out)   |
| <b>Maximum RCA Output Level and Impedance</b>                  | 5.5 V/470 Ω<br>(Pre out)   | 5.5 V/470 Ω<br>(Pre out)   | 5.5 V/470 Ω<br>(Pre out)   | 4.6 V/470 Ω<br>(Pre out)   | 4.6 V/470 Ω<br>(Pre out)   | 4.6 V/470 Ω<br>(Pre out)   | —  | —  | —  | —  |
| <b>Phono Overload</b>  | 70 mV<br>(MM, 1 kHz, 0.5%)   | 70 mV<br>(MM, 1 kHz, 0.5%)   | 70 mV<br>(MM, 1 kHz, 0.5%)   | 70 mV<br>(MM, 1 kHz, 0.5%)   | 70 mV<br>(MM, 1 kHz, 0.5%)   | 70 mV<br>(MM, 1 kHz, 0.5%)   | —  | —  | —  | —  |
| <b>Frequency Response</b>                                      | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(Direct mode)   | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(Direct mode)   | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(Direct mode)   | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(Direct mode)   | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(Direct mode)   | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(DSP bypass)  | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(DSP bypass)  | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(DSP bypass)  | 5 Hz–100 kHz/<br>+1 dB, -3 dB<br>(DSP bypass)  | 20 Hz–50 kHz/<br>+1 dB, -3 dB<br>(DSP bypass)  |
| <b>Tone Control</b>  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  | ±10 dB, 50 Hz<br>(Bass)<br>±10 dB, 20 kHz<br>(Treble)  |
| <b>Signal-to-Noise Ratio</b>                                   | 110 dB (Line, IHF-A)<br>80 dB (Phono, IHF-A)   | 110 dB (Line, IHF-A)<br>80 dB (Phono, IHF-A)   | 110 dB (Line, IHF-A)<br>80 dB (Phono, IHF-A)   | 110 dB (Line, IHF-A)<br>80 dB (Phono, IHF-A)   | 110 dB (Line, IHF-A)<br>80 dB (Phono, IHF-A)   | 106 dB (Line, IHF-A)<br>80 dB (Phono, IHF-A)   | 106 dB<br>(Line, IHF-A)  | 106 dB<br>(Line, IHF-A)  | 106 dB<br>(Line, IHF-A)  | 100 dB<br>(Line, IHF-A)  |
| <b>Speaker Impedance</b>                                       | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | —  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  | 4 Ω–16 Ω or<br>6 Ω–16 Ω  |
| <b>VIDEO SECTION</b>   |  |  |  |  |  |  |  |  |  |  |
| <b>Input Sensitivity/Output Level and Impedance</b><br>Video   | 1 Vp-p/75 Ω<br>(Component and<br>S-Video Y)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>0.28 Vp-p/75 Ω<br>(S-Video C)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component and<br>S-Video Y)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>0.28 Vp-p/75 Ω<br>(S-Video C)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component and<br>S-Video Y)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>0.28 Vp-p/75 Ω<br>(S-Video C)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component and<br>S-Video Y)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>0.25 Vp-p/75 Ω<br>(S-Video C)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component and<br>S-Video Y)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>0.25 Vp-p/75 Ω<br>(S-Video C)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component and<br>S-Video Y)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>0.25 Vp-p/75 Ω<br>(S-Video C)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>1 Vp-p/75 Ω<br>(Composite) | 1 Vp-p/75 Ω<br>(Component)<br>0.7 Vp-p/75 Ω<br>(Component Pb/Cb,<br>Pr/Cr)<br>1 Vp-p/75 Ω<br>(Composite) |
| <b>Component Video Frequency Response</b>                      | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  | 5 Hz–100 MHz<br>(0 dB, -3 dB)  |
| <b>TUNER SECTION</b>   |  |  |  |  |  |  |  |  |  |  |
| <b>Tuning Frequency Range</b><br>FM<br>AM                      | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  |
| <b>Preset Memory</b>   | 40 stations  | 40 stations  | 40 stations  | 40 stations  | 40 stations  | 40 stations  | 40 stations  | 40 stations  | 40 stations  | 40 stations  |
| <b>GENERAL</b>   |  |  |  |  |  |  |  |  |  |  |
| <b>Power Supply</b>  | AC 220–240 V,<br>50/60 Hz  | AC 220–240 V,<br>50/60 Hz  | AC 220–240 V,<br>50/60 Hz  | AC 220–240 V,<br>50/60 Hz  | AC 220–240 V,<br>50/60 Hz  | AC 220–240 V,<br>50/60 Hz  | AC 230 V, 50 Hz  | AC 230 V, 50 Hz  | AC 230 V, 50 Hz  | AC 230 V, 50 Hz  |
| <b>Power Consumption</b>                                       | 1,160 W  | 110 W  | 1,060 W  | 830 W  | 710 W  | 570 W  | 620 W  | 450 W  | 450 W  | 310 W  |
| <b>Dimensions (W x H x D)</b>                                  | 435 x 198.5 x 463.5 mm   | 435 x 198.5 x 453.5 mm   | 435 x 198.5 x 463.5 mm   | 435 x 198.5 x 435.5 mm   | 435 x 198.5 x 435.5 mm   | 435 x 175 x 379 mm   | 435 x 176 x 329 mm   | 435 x 151.5 x 328.5 mm   | 435 x 151.5 x 328.5 mm   | 435 x 151.5 x 328.5 mm   |
| <b>Weight</b>  | 25.0 kg  | 14.0 kg  | 25.0 kg  | 18.7 kg  | 18.4 kg  | 12.5 kg  | 11.5 kg  | 9.6 kg   | 9.4 kg   | 8.0 kg   |

| BD/DVD PLAYERS   | BD-SP808   | BD-SP308   | DV-SP406  | 9-CHANNEL AMPLIFIER                    | PA-MC5500 |
|--|--|--|---|--|-----------|
| <b>Frequency Range (Digital Audio)</b><br>BD<br>DVD Linear Sound<br><br>Audio CD | 4 Hz–88 kHz (192 kHz)<br>4 Hz–44 kHz (96 kHz),<br>4 Hz–22 kHz (48 kHz)<br>4 Hz–20 kHz (44.1 kHz) | 4 Hz–88 kHz (192 kHz)<br>4 Hz–44 kHz (96 kHz),<br>4 Hz–22 kHz (48 kHz)<br>4 Hz–20 kHz (44.1 kHz) | —<br>20 Hz–44 kHz (96 kHz),<br>20 Hz–22 kHz (48 kHz)<br>20 Hz–20 kHz (44.1 kHz)                         | <b>AMPLIFIER SECTION</b>               |           |
| <b>S/N Ratio (Digital Audio)</b>   | 100 dB   | 100 dB   | 105 dB  | <b>Power Output</b><br>All Channels    |           |
| <b>Audio Dynamic Range (Digital Audio)</b>                                       | 98 dB  | 96 dB  | 100 dB  | <b>Dynamic Power</b>                   |           |
| <b>THD (Digital Audio) (1 kHz)</b>   | 0.005%   | 0.005%   | 0.03%   | <b>THD (Total Harmonic Distortion)</b> |           |
| <b>Wow and Flutter</b>   | Below threshold of measurability   | Below threshold of measurability   | Below threshold of measurability  | <b>Damping Factor</b>                  |           |
| <b>Composite Video Output/ Impedance</b>   | 1.0 V p-p, 75 Ω,<br>negative sync., RCA  | 1.0 V p-p, 75 Ω,<br>negative sync., RCA  | 1.0 V p-p, 75 Ω,<br>negative sync., pin jack x 1,<br>SCART x 1  | <b>Input Sensitivity and Impedance</b> |           |
| <b>Component Video Output/ Impedance</b>   | (Y) 1.0 V p-p, 75 Ω,<br>(Pb)/(Pr) 0.7 V p-p, 75 Ω  | (Y) 1.0 V p-p, 75 Ω,<br>(Pb)/(Pr) 0.7 V p-p, 75 Ω  | (Y) 1.0 V p-p, 75 Ω,<br>negative sync., pin jack x 1,<br>(Pb)/(Pr) 0.7 V p-p, 75 Ω,<br>SCART x 1        | <b>Frequency Response</b>              |           |
| <b>Component Video Frequency Response</b>  | 5 Hz–50 MHz  | 5 Hz–13 MHz  | 5 Hz–13 MHz   | <b>Signal-to-Noise Ratio</b>           |           |
| <b>Audio Output/Impedance</b>  | —<br>-22.5 dBm<br>0.5 V p-p, 75 Ω<br>2.0 V (rms), 320 Ω  | —<br>0.5 V p-p, 75 Ω<br>2.0 V (rms), 320 Ω   | —<br>-22.5 dBm<br>0.5 V p-p, 75 Ω, pin jack x 1<br>2.0 V (rms), 550 Ω,<br>pin jack (L/R) x 1, SCART x 1 | <b>Speaker Impedance</b>               |           |
| <b>Power Supply</b>  | AC 110–240 V~, 50/60 Hz  | AC 200–240 V~, 50/60 Hz  | 220–240 V AC, 50/60 Hz  | <b>GENERAL</b>                         |           |
| <b>Power Consumption</b>   | 25 W   | 20 W   | 9 W   | <b>Power Supply</b>                    |           |
| <b>Dimensions (W x H x D)</b>  | 435 x 108 x 312 mm   | 435 x 53 x 209 mm  | 435 x 58.5 x 250 mm   | <b>Power Consumption</b>               |           |
| <b>Weight</b>  | 5.0 kg   | 2.0 kg   | 1.7 kg  | <b>Dimensions (W x H x D)</b>          |           |
| <b>Supplied Accessories</b>  | Audio/Video cable x 1,<br>Remote control (RC-793DV) x 1  | Audio/Video cable x 1,<br>Remote control (RC-788DV) x 1  | Audio/Video cable x 1,<br>Coaxial cable x 1,<br>Remote control (RC-725DV) x 1                           | <b>Weight</b>                          |           |



SPECIFICATIONS

| INTEGRATED AMPLIFIERS   |  | A-5VL   | A-9377   | A-9155  | A-933   |
|---|--|---|--|---|---|
| Power Output*   |  | 80 W/Ch (4 Ω, 1 kHz, 2 channels driven, IEC)        | 90 W/Ch (4 Ω, 1 kHz, 2 channels driven, IEC)         | 65 W/Ch (4 Ω, 1 kHz, 2 channels driven, IEC)  | 80 W/Ch (8 Ω, 1 kHz, DIN)                           |
| Dynamic Power<br>4 Ω/8 Ω  |  | 115 W/Ch (3 Ω); 90 W/Ch (4 Ω); 45 W/Ch (8 Ω)        | 124 W/Ch; 80 W/Ch                                    | 90 W/Ch; 55 W/Ch  | 220 W/Ch; 110 W/Ch                                  |
| THD (1 kHz)   |  | 0.08%   | 0.08%  | 0.08%   | 0.08%   |
| Damping Factor (8 Ω, 1 kHz)   |  | 25  | 60   | 60  | 25  |
| Sensitivity and Impedance<br>Phono MM<br>CD, Tuner, Tape<br>Rec Out |  | 2.4 mV (47 kΩ)<br>200 mV (33 kΩ)<br>200 mV (2.2 kΩ) | 2.5 mV (50 kΩ)<br>200 mV (43 kΩ)<br>150 mV (2.2 kΩ)  | 2.5 mV (50 kΩ)<br>150 mV (50 kΩ)<br>150 mV (2.2 kΩ)   | 2.5 mV (50 kΩ)<br>200 mV (50 kΩ)<br>200 mV (2.2 kΩ) |
| Tone Controls<br>Bass<br>Treble<br>Loudness                         |  | ±14 dB at 100 Hz<br>±12 dB at 10 kHz<br>—           | +10 dB -8 dB at 100 Hz<br>+9 dB -8 dB at 10 kHz<br>— | ±10 dB at 100 Hz<br>±10 dB at 10 kHz<br>+10 dB at 50 Hz/+2 dB at 10 kHz<br>10 Hz–100 kHz (+1 dB, -3 dB) | ±8 dB at 100 Hz<br>±8 dB at 20 kHz<br>—             |
| Frequency Response  |  | 5 Hz–60 kHz (+1 dB, -3 dB)                          | 10 Hz–70 kHz (0, -3 dB)                              | 10 Hz–100 kHz (+1 dB, -3 dB)  | 10 Hz–60 kHz (+1 dB, -3 dB)                         |
| S/N Ratio (IHF-A)<br>Phono MM<br>CD                                 |  | 70 dB<br>100 dB                                     | 70 dB<br>96 dB                                       | 70 dB<br>100 dB   | 70 dB<br>100 dB                                     |
| Phono Overload (MM 1 kHz 0.5%)                                      |  | 60 mV   | 50 mV  | 64 mV   | 130 mV  |
| Dimensions (W x H x D)  |  | 435 x 80 x 340 mm                                   | 435 x 150 x 348 mm                                   | 435 x 121 x 344 mm  | 275 x 103 x 328 mm                                  |
| Weight  |  | 10.2 kg   | 8.8 kg   | 6.8 kg  | 7.5 kg  |

| CD PLAYERS             |  | C-S5VL                                   | DX-7355                          | C-733                            | DX-C390                          |
|------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|
| Frequency Response     |  | 4 Hz–50 kHz (SA-CD);<br>4 Hz–20 kHz (CD) | 4 Hz–20 kHz                      | 5 Hz–20 kHz                      | 5 Hz–20 kHz                      |
| S/N Ratio              |  | 110 dB (SA-CD); 114 dB (CD)              | 106 dB                           | 110 dB                           | 98 dB                            |
| Dynamic Range          |  | 100 dB                                   | 100 dB                           | 96 dB                            | 96 dB                            |
| THD (1 kHz)            |  | 0.0025%                                  | 0.0029%                          | 0.003%                           | 0.005%                           |
| Wow and Flutter        |  | Below threshold of measurability         | Below threshold of measurability | Below threshold of measurability | Below threshold of measurability |
| Dimensions (W x H x D) |  | 435 x 80 x 318 mm                        | 435 x 81 x 315 mm                | 275 x 103 x 304 mm               | 435 x 131 x 432 mm               |
| Weight                 |  | 4.5 kg                                   | 4.4 kg                           | 4.5 kg                           | 6.9 kg                           |

| MINI COMPONENTS                              |  | CS-1045   | CS-V645  | CS-545   | CS-335   |
|--|--|---|--|--|--|
| ■ RECEIVER SECTION                           |  |   |  |  |  |
| AMPLIFIER SECTION                            |  |   |  |  |  |
| Power Output                                 |  | 70 W + 70 W (4 Ω, 1 kHz, IEC)                                   | 40 W + 40 W (4 Ω, 1 kHz)   | 40 W + 40 W (4 Ω, 1 kHz, 10%)  | 19 W + 19 W (4 Ω, 1 kHz, IEC)  |
| Dynamic Power                                |  | 110 W + 110 W (3 Ω)<br>100 W + 100 W (4 Ω)<br>60 W + 60 W (8 Ω) | —  | —  | 22 W + 22 W (3 Ω)<br>20 W + 20 W (4 Ω)<br>14 W + 14 W (8 Ω)                |
| THD (Total Harmonic Distortion)              |  | 0.08% (1 KHz, 1 W)  | 0.05% (1 KHz, 1 W)   | 0.05% (1 KHz, 1 W)   | 0.4% (1 KHz, 1 W)  |
| Damping Factor                               |  | 35 (Front, 1 kHz, 8 Ω)  | 30 (Front, 1 kHz, 8 Ω)   | 40 (Front, 1 kHz, 8 Ω)   | 25 (Front, 1 kHz, 8 Ω)   |
| Input Sensitivity and Impedance              |  | 115 mV/33 kΩ (Line)   | 600 mV/47 kΩ (Line)  | 1000 mV/50 kΩ (Line)   | 150 mV/50 kΩ (Line)  |
| Output Level and Impedance                   |  | 125 mV/2.2 kΩ (Rec Out)   | 1000 mV/1.5 kΩ (Line Out)  | —  | 150 mV/2.2 kΩ (Rec Out)  |
| Phono Overload                               |  | 85 mV (MM, 1 kHz, 0.5%)   | —  | —  | —  |
| Frequency Response                           |  | 5 Hz–60 kHz/+1 dB, -3 dB (Line)                                 | 20 Hz–20 kHz/+1 dB, -3 dB (Line)   | 20 Hz–20 kHz/+1 dB, -3 dB (Line)   | 10 Hz–100 kHz/±3 dB (Line)   |
| Tone Control                                 |  | ±14 dB, 100 Hz (Bass)<br>±12 dB, 10 kHz (Treble)                | ±11.5 dB, 80 Hz (Bass)<br>±10 dB, 10 kHz (Treble)<br>+8.5 dB, 80 Hz (Super bass) | ±10 dB, 80 Hz (Bass)<br>±10 dB, 10 kHz (Treble)<br>+7.5 dB, 80 Hz (Super bass) | ±6 dB, 80 Hz (Bass)<br>±8 dB, 10 kHz (Treble)<br>+7 dB, 80 Hz (Super bass) |
| Signal-to-Noise Ratio                        |  | 100 dB (Line, IHF-A)<br>75 dB (Phono, IHF-A)                    | 72 dB (Line, IHF-A)  | 70 dB (Line, IHF-A)  | 100 dB (Line, IHF-A)   |
| Speaker Impedance                            |  | 4 Ω–16 Ω  | 4 Ω–16 Ω   | 4 Ω–16 Ω   | 4 Ω–16 Ω   |
| TUNER SECTION                                |  |   |  |  |  |
| Tuning Frequency Range                       |  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz                           | 87.5 MHz–108 MHz<br>—  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz  | 87.5 MHz–108 MHz<br>522 kHz–1,611 kHz                                      |
| GENERAL                                      |  |   |  |  |  |
| Power Supply                                 |  | AC 220–240 V~, 50/60 Hz   | —  | —  | —  |
| Power Consumption                            |  | 65 W  | —  | —  | —  |
| Standby Power Consumption                    |  | 0.3 W   | —  | —  | —  |
| Dimensions (W x H x D)                       |  | 275 x 83 x 311 mm   | —  | —  | —  |
| Weight                                       |  | 5.7 kg  | —  | —  | —  |
| ■ DVD/CD PLAYER SECTION                      |  |   |  |  |  |
| Frequency Response                           |  | 5 Hz–20 kHz   | 20 Hz–20 kHz (CD)  | 20 Hz–20 kHz   | 10 Hz–20 kHz   |
| Signal-to-Noise Ratio                        |  | 105 dB  | 80 dB  | —  | —  |
| Audio Dynamic Range                          |  | 100 dB  | —  | 80 dB  | 95 dB  |
| THD (Total Harmonic Distortion)              |  | 0.003%  | 0.25%  | 0.05%  | 0.009%   |
| Audio Output/Impedance<br>Optical<br>Coaxial |  | -22.5 dBm<br>0.5 Vp-p/75 Ω                                      | —<br>0.5 Vp-p/50 Ω   | —<br>—   | —<br>—   |
| Rated RCA Output Level and Impedance         |  | 2.0 V (rms)/470 Ω   | 1.6 V (rms)/3.3 kΩ   | —  | —  |
| GENERAL                                      |  |   |  |  |  |
| Power Supply                                 |  | AC 220–240 V~, 50/60 Hz   | AC 220–240 V~, 50/60 Hz  | AC 220–230 V~, 50/60 Hz  | AC 220–230 V, 50/60 Hz   |
| Power Consumption                            |  | 9 W   | 36 W   | 36 W   | 58 W   |
| Standby Power Consumption                    |  | 0.3 W   | 0.9 W (iPod not connected)   | 0.3 W (iPhone/iPod not connected)  | 0.25 W   |
| Dimensions (W x H x D)                       |  | 275 x 83 x 282 mm   | 215 x 108 x 348 mm   | 215 x 98 x 334 mm  | 205 x 116 x 367 mm   |
| Weight                                       |  | 3.4 kg  | 4.4 kg   | 4.2 kg   | 4.0 kg   |
| ■ SPEAKER SECTION                            |  |   |  |  |  |
| Speaker Type                                 |  | 2-way, bass reflex  | 2-way, bass reflex   | 2-way, bass reflex   | 2-way, bass reflex   |
| Drivers                                      |  | 12 cm OMF diaphragm<br>2.5 cm soft-dome                         | 12 cm OMF diaphragm<br>2.5 cm soft-dome  | 12 cm OMF diaphragm<br>2.5 cm soft-dome  | 10 cm OMF diaphragm<br>2.5 cm balanced-dome                                |
| Frequency Response                           |  | 55 Hz–35 kHz  | 55 Hz–35 kHz   | 55 Hz–35 kHz   | 50 Hz–50 kHz   |
| Crossover Frequency                          |  | 3 kHz   | 3 kHz  | 3 kHz  | 7 kHz  |
| Output Sound Pressure Level                  |  | 85 dB/W/m   | 85 dB/W/m  | 85 dB/W/m  | 83 dB/W/m  |
| Max. Input Power                             |  | 80 W  | 70 W   | 70 W   | 40 W   |
| Nominal Impedance                            |  | 4 Ω   | 4 Ω  | 4 Ω  | 4 Ω  |
| GENERAL                                      |  |   |  |  |  |
| Dimensions (W x H x D)                       |  | 170 x 283 x 230 mm  | 150 x 250 x 229 mm   | 150 x 250 x 229 mm   | 137 x 234 x 230 mm   |
| Weight                                       |  | 3.7 kg  | 3.2 kg   | 3.2 kg   | 2.3 kg   |

\*Channels are measured separately.

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